```
Title:
Perfect s
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Minimum
Maximum
                                                                                                                                                                                                                                                                                                                                                                                                   Result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Total
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             protein
    2022222111111111
765422222222222222
76542210987654221
7654221098765421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          -processing:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pred. N
score s
and is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB
DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              score:
   Ŋ
                                                                                                                                                                                                                                                                                                                                                                                                    0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      No. is the greater thas derived by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
f
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BLOSUM62
Gapop 10.0
   100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
100.00
10
                                                                                                                                                                                                                                                                                                                                                                                                 Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-0
803
1 MANIL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 hits
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Minimum
Maximum
Listing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            572060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     December
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Issued_Patents_AA:*

: /cgn2_6/ptodata/1/iaa/5_COMB.pep:*

: /cgn2_6/ptodata/1/iaa/6_COMB.pep:*

: /cgn2_6/ptodata/1/iaa/H_COMB.pep:*

: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

: /cgn2_6/ptodata/1/iaa/RE_COMB.pep:*

: /cgn2_6/ptodata/1/iaa/backfiles1.pep:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MANLERTFIAIKPDGVQRGL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Copyright
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         than
d by a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             satisfying
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             search,
                                                                                                                                                                                                                                                                                                                                                                                                   Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         seqs,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  number of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         n or equal analysis c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Match 0%
Match 100%
first 45 su
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16,
   GenCore (c) 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2005,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          82675679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gapext
US-08-713-825-5
US-09-199-842-5
US-09-335-948-1
US-09-335-948-2
US-09-335-948-2
US-09-335-948-2
US-07-806-9328-3
US-09-460-532-4
US-09-335-948-5
US-09-538-092-933
US-09-513-999C-5323
US-09-513-999C-5323
US-09-183-861-20
US-09-551-974A-20
US-09-551-974A-20
US-09-639-206A-20
US-09-874-923-20
US-09-874-923-20
US-09-248-796A-18029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              chosen paramete
                                                                                                                                                                                                                                                                                                                                                                                                                                                               of to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      results predicted by chance to have to the score of the result being position of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16:31:59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0
                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        version - 2005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            residue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Search time 31.54:
(without alignments)
398.346 Million cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5.1.6
Compugen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .WFKPEELVDYKSCAHDWVYE
    18029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ų
                                                                                                                                                                                                                                                                                                                                                                                                  Description
  sequence
                                                                                                                                                                                                                                                                                                                                          Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Seconds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     printed,
   5, Appli

1, Appli

5, Appli

5, Appli

987, Appli

3, Appli

4, Appli

4, Appli

4, Appli

4, Appli

5, Appli

5, Appli

5, Appli

5, Appli

3, Appli

20, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   15
```

45	44	43	42	41	40	39	38	37	36	35	3 4	ω u	32	31	30	29	28
-	μ	Ñ	Ñ	N	N	ū	Ū	Ġ	ý	Ñ	ũ	9	ð	g	ð	469	0
ၟႜၑ	9	0	0	0	0	Ψ	ω.	9	9.	'n	4.	7.	8	8	8	58.4	2
4.	Ġ	4	Ġ	4	4	4	ù	9	σ	Ś	w	ហ	œ	œ	œ	187	ū
N	N	N	N	N	N	ຎ	N	N	N	N	N	N	N	N	N	۲	N
-09-540-236-309	-09-328-352-	-09-937-296-2	-09-107-532A-600	-09-902-540-	-09-937-296-1	-09-107-433-3	-09-583-110-363	-09-790-417-91	-09-358-972-91	-09-134-001C-	-10-227-035-4	-09-443-184-	-09-538-092-8	-09-460-532-	-09-199-842-	8-713-825	-09-538-09
Sequence 3095, Ap	Sequence 7960, Ap	Sequence 2, Appli	Sequence 6000, Ap	Sequence 10381, A	1dd	Sequence 3645, Ap	, A	equence	Sequence 91, Appl	Sequence 3216, Ap	Sequence 4, Appli	*	Sequence 823, App	Sequence 1, Appli	, Appl	, Ap	Sequence 491, App

ALIGNMENTS

```
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0124 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 152 amino acid
                                                ; CLONE: US-08-713-825-5
         Query Match
Best Local S
                                                                                                                                                                                                           SOPTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/713,8
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
PILING DATE:
PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-012
TELECOMMUNICATION INFORMATION:
                                                                   STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
IMMEDIATE SOURCE
LIBRARY: GenB
                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.
ZIP: 94304
COMPUTER READABLE
MEDIUM TYPE: D
COMPUTER: IBM
OPERATING SYSTE
                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
STREET: 3
CITY: Pale
STATE: CA
152;
100.0%;
imilarity 100.0%;
; Conservative (
                                                           : GenBank
127983
                                                                                SOURCE:
                                                                                                                                                                                                                                                                                                                                                                   YPE: Diskette
: IBM Compatible
3 SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Incyte Pharmaceuticals,
                                                                                                                                                                                                                                                                                                                                                                                                         DABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          o Alto
                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Olga
Phillip R.
NOVEL HUMAN NM23-LIKE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US/08713825
                                                                                                                                                                                                                                                                                                                              US/08/713,825
Score 803; DB 1;
Pred. No. 1.6e-91;
; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PROTEIN
                         Length
                           152;
```

<u>,</u>

Indels

0

Gaps

0

121

DS

VKSAEKEISLWFKPEELVDYKSCAHDWVYE

152

```
Ş
                                                                                        日
                                                                                                             ঠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <del>Q</del>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 2
US-09-199-842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8
                                                                                                                                      Query Match
Best Local S
Matches 152
                                                                                                                                                                                        LIBRARY:
CLONE: 1
-09-199-842-5
                                                                                                                                                                                                                                                                                                 TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANTAL Bandman,
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: U.
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                         MOLECULE TYPE:
IMMEDIATE SOUR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 3174 Por
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                            NAME: Billings, Lucy J. REGISTRATION NUMBER: 36
                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                              TYPE: amino acid STRANDEDNESS: si
                                                                                                                                                                                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         121
                                                                                                                                      100.0%;
1 Similarity 100.0%;
152; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                . 6<u>1</u>
                                                                                                               μ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6087125
NFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application
                                   MANLERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVAMKFLRASEEHLKQHYIDLKDRPF
DSVKSAEKBISLWFKPEELVDYKSCAHDWVYE
                                                                                    MANLERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVAMKFLRASEEHLKQHYIDLKDRPF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INVENTION:
                                                                                                                                                                                                              SOURCE:
GenBank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DSVKSAEKEISLWFKPEBLVDYKSCAHDWVYE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DSVKSAEKEISLWFKPEELVDYKSCAHDWVYE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FPGLVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGS
                                                                                                                                                                                                    127983
                                                                                                                                                                                                                                                                                        152 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PGLVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       B: Incyte Pharmac
3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Hawkins,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Diskette
                                                                                                                                                                                                                                      peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Olga
Phillip
NOVEL HU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pharmaceuticals,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US/09199842
                                                                                                                                                                                                                                                                                                                                                                                                                              08/713,825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                US/09/199,842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HUMAN NM23-LIKE
                                                                                                                                    0;
                                                                                                                                    Score 803; DB 2;
Pred. No. 1.6e-91;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.5
                                                                                                                                                                                                                                                                                                                                                                F-0124 US
              152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                152
                                                                                                                                                             Length 152;
                                                                                                                                     Indels
                                                                                                                                     0
                                                                                                                                   Gaps
                                                            120
                                                                                                             60
                                                                                      60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9
```

```
RESULT 4
US-09-460-532-5
                                                                                                                                                                                                                                                                                                                                                              ş
                                                                                                                                                                                                                                                                                                                                                                                       밁
                                                                                                                                                                                                                                                                                                                                                                                                             S
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                      B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 3
US-09-335-948
                                                                                                                                                                                                                                                               Sequence
Patent No
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 1
LENGTH: 152
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local S
Matches 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6329
Patent No 6329
TENERAL INFORMA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE:
CURRENT APPLICAT
CURRENT FILING
PRIOR APPLICATI
PRIOR APPLICATI
PRIOR PILING DA
PRIOR PILING DA
PRIOR APPLICATI
PRIOR APPLICATI
PRIOR APPLICATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      09-335-948-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo
      COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/460,5
FILING DATE: 13-Dec-1999
PRIOR APPLICATION DATA:
                                                                                                    STREET: 3174 POR
CITY: Palo Alto
STATE: CA
COUNTRY: U.S.
ZIP: 94304
COMPUTER READABLE FOR
                                                                                                                                              TITLE OF INVENTION.
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 07, FILING DATE: 1989-10-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1995-06-07
APPLICATION NUMBER: 07/806,932
FILING DATE: 1991-12-11
APPLICATION NUMBER: 07/422,801
                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                               121
                                                                                                                                                                                                                                                                       ٥,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     152; (
                                                                                                                                                                                                                                                              , Application US/09460532 6486300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Fast
                                                                                         TER READABLE FORM:
MEDIUM TYPE: Diske
                                                                                                                                                                                                                                                                                                                                        DSV.
                                                                                                                                                                                                                                                                                                                                                               DSV.
                                                                                                                                                                                                                                                                                                                                                                                                                                  FPG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ដ
                                                                                                                                                                                                                                                                                                                                                                                   LVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; larity 100.0%; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATION NUMBER: US/09/33; DATE: 1999-06-18
'ION NUMBER: 08/475,634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        itricia S. Steeg
ince A. Liotta
TTION: PRODUCTION AND USE OF HUMAN NM23
                                                                                                                                                                                                                                                                                                                                     KSAEKEISLWFKPEELVDYKSCAHDWVYE 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TION: AND ANTIBODIES 14014.0321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ID NOS: 6
                                                                                                                                                                                                  1: Bandman, Olga
Hawkins, Phillip R.
INVENTION: NOVEL HUMAN NM23-LIKE
SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  arles R. King
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                on US/09335948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Institutes
: 13-Dec-1999
N DATA:
                                                                                          Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US/09/335,948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             of Health
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 803; DB 2;
Pred. No. 1.6e-91;
Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4.0
                                                                                                                                                                                                                PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 152;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ტ
                                                                                                                                                                                                                                                                                                                                                                                                            120
                                                                                                                                                                                                                                                                                                                                                                                     120
                                                                                                                                                                                                                                                                                                                                                                                                                                     0
```



```
CLONE: 127983;
SEQUENCE DESCRIPTION:
US-09-460-532-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             멍
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-538-092-987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/538,092; CURRENT FILING DATE: 2000-03-29; PRIOR APPLICATION NUMBER: 60/127,352; PRIOR FILING DATE: 1999-04-01; PRIOR APPLICATION NUMBER: 60/178,965; PRIOR FILING DATE: 2000-02-01; NUMBER OF SEQ ID NOS: 1387; SOFTWARE: CuraPatSeqFormatter Version 0.9
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 98 Patent No.
                             Query Match
Best Local S
Matches 152
                                                                                       FEATURE:

NAME/KEY: misc_feature
LOCATION: (0)...(0)

OTHER INFORMATION: PolyE
3-09-538-092-987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEPHONE: 415-845-4166
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 987, Application Patent No. 6753314 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                   SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes
FILE REFERENCE: 15966-542
                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                      TYPE: PRT
                                                                                                                                                                                                  LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IMMEDIATE SOURCE:
LIBRARY: GenBank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: si:
TOPOLOGY: linear
MOLECULE TYPE: peptid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15
                              152; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13
                                                                                                                                                                                                    152
                                                                                                                                                                                                                     987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     n 100.0%;
Similarity 100.0%;
52; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/199, FILING DATE: <Unknown> APPLICATION NUMBER: 08/713,825 FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DSVKSAEKEISLWFKPEELVDYKSCAHDWVYE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DSVKSAEKEISLWFKPEELVDYKSCAHDWVYE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FPGLVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FPGLVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGS
MANLERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVAMKFLRASEEHLKQHYIDLKDRPF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
                         100.0%;
larity 100.0%;
Conservative C
                                                                                                       Polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         US/09538092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0
                               0
•
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 803; DB 2;
Pred. No. 1.6e-91;
Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US/09/199,842
                             Score 803; DB 2;
Pred. No. 1.6e-91;
; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ID NO:
                                                                                                         Accession Number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PF-0124 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5:
                                                                                                                                                                                                                                                                                                                                                                             and Method of
                                                                                                           P22392
                                                          Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 152;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                               Indels
                                                                                                                                                                                                                                                                                                                                                                             Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             °
                               <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60
  60
```

ঠ

```
APPLICANT: Lance A. Liotta
TITLE OF INVENTION: PRODUCTION AND USE OF HUMAN NM23 PROTEIN
TITLE OF INVENTION: AND ANTIBODIES THEREFOR
FILE REFERENCE: 14014.0321
CURRENT APPLICATION NUMBER: US/09/335,948
CURRENT FILING DATE: 1999-06-18
PRIOR APPLICATION NUMBER: 08/475,634
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 07/806,932
PRIOR APPLICATION NUMBER: 07/806,932
PRIOR FILING DATE: 1991-12-11
PRIOR APPLICATION NUMBER: 07/422,801
PRIOR APPLICATION NUMBER: 07/422,801
PRIOR FILING DATE: 1989-10-18
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     멍
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 맑
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8
                                                                                                                                                                                                                                                               S
                                                                                                                                                                                                                                                                                           멂
                                                                                                                                                                                                                                                                                                                   S
                                                                                                                                                                                                                                                                                                                                               뭕
                                                                                                                                                                                                                                                                                                                                                                      S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT
                                                                                                                                                                                 RESULT 7
US-07-806-932B-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-335-948-
                                                                                  Patent No. 6423836
Patent No. 6423836
GENERAL INFORMATION:
APPLICANT: KING, BT A
TITLE OF INVENTION: P
TITLE OF INVENTION: H
TITLE OF INVENTION: T
                                                                                                                                                                                                                                                                                                                                                                                                   Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 176
TYPE: PRT
ORGANISM: Homo ()
-09-335-948-2
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Nat APPLICANT: Ch
                    NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE,
ADDRESSEE: CECCHI & STEWAR'
STREET: 6 BECKER FARM ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           121
                                                                                                                                                                                                                                                                 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2, App
5. 6329
                                                                                                                                                     3, Application US/07806932B
5. 6423836
                                                                                                                                                                                                                                                                                                                                                                         μ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               176
                                                                                                                                                                                                                                                                                                                                                                                                                Simi
          ROS
                                                                                                                                                                                                                                                                                                                                                                   MANLERTFIAIKPDGVORGLVGEIIKRFEOKGFRLVAMKFLRASEEHLKOHYIDLKDRPF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DSV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DSV
                                                                                                                                                                                                                                                                 DSV
                                                                                                                                                                                                                                                                                                                                              harles R. King
harles S. Steeg
ance A. Liotta
¥
                                                                                                                                                                                                                                                                                          TION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KSAEKEISLWFKPEBLVDYKSCAHDWVYE 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 803; DB 2;
larity 100.0%; Pred. No. 1.9e-91;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              lication US/09335948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             KSABKEISLWFKPEELVDYKSCAHDWVYE 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 KSAEKBISLWFKPEELVDYKSCAHDWVYE 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sapiens
JERSEY
                                                                                       PRODUCTION HUMAN NM23
                                    & STEWART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0
fi
                                                                                                     AND USE
PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Health
                                                  GILFILLAN,
                                                                                                      OF HUMAN
                                                                                                       ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                             Length 176;
                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                     °;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 120
                                                                                                                                                                                                                                                                                                                       120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60
                                                                                                                                                                                                                                                                                               144
                                                                                                                                                                                                                                                                                                                                                  84
```

0

COMPUTER READABLE MEDIUM TYPE: 3.

FORM:

INCH DISKETTE

COUNTRY:

07068

```
Sequence 4, Application Patent No. 5874285
GENERAL INFORMATION:
APPLICANT: Bandman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              S-07-806-932B-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: CAPELLO, SUSAN A.
REGISTRATION NUMBER: 34,560
REFERENCE/DOCKET NUMBER: 4692
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local
                                                                                                                                                                                                                                          08-713-825-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                     ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                APPLICANT:
TITLE OF IN
                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE: NO ORIGINAL SOURCE: PUBLICATION INFOR
                                                                         STATE: C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: HYPOTHETICAL:
                                                                                                    STREET:
CITY: 1
                           COMPUTER:
                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 18 october ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 530 PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: DW4.V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 11 decemb
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: LI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: 3.5 II
COMPUTER: IBM PS/2
OPERATING SYSTEM: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                             152;
                                                                                      Palo
: CA
                                                                                                                                                                                                                                                                                                                                                                                                                      μ
                                                                                                                                                                                                                                                                                                                                                                                                                                           Similarity 100.0%;
Similarity 100.0%;
2; Conservative 0
                                                                                                                                                                                                                                                                                    DSVKSAEKEISLWFKPEELVDYKSCAHDWVYE
                                                                                                                                                                                                                                                                                                           DSVKSAEKEISLWFKPEELVDYKSCAHDWVYE 152
                                                                                                                                                                                                                                                                                                                                                                                FPGLVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPG
                                                                                                                                                                                                                                                                                                                                               FPGLVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         : 176 AMINO ACID
AMINO ACIDS
                                                                                                              E: Incyte Pl
              SYSTEM:
                                                                        U.S.
                                                                                                                                                                        Hawkins,
FastSEQ
            IBM Compatible
                                                                                                    Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LINEAR
                                   Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ğ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     11 december
Version
                                                                                                                                                        Olga
Phillip R.
NOVEL HUMAN NM23-LIKE
                                                                                                                        Pharmaceuticals,
                                                                                                                                                                                                                          US/08713825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 07/422,801
ober 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US/07/806,932B
mber 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESIDUES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 23-H2S
                                                                                                                                                                                                                                                                                                                                                                                                                                        0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                469200-72
                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 803; DB 2;
Pred. No. 1.9e-91;
Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3:FROM -24
                                                                                                                                                          PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 176;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      152
                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                  IRGDFCIQVGRNIIHGS
                                                                                                                                                                                                                                                                                                                                                                                                                                   <u>°</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
```

144

FILING DATE: ATTORNBY/AGENT INFORMATION:

08/713,825

AME: Billings, Lucy J. EGISTRATION NUMBER: 36,749 EFERENCE/DOCKET NUMBER: PF-0124 US

120

84

°

```
RESULT
                                                                                                                                                                                                                                                                                                                                                                                                                              Ş
                                                                                                                                                                                                                                                                                                       US-09-199-842-
                                                                                                                                                                                                                                                                                                                                                           Вb
                                                                                                                                                                                                                                                                                                                                                                                 Š
                                                                                                                                                                                                                                                                                                                                                                                                           ď
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Дb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
US-08-713-825-4
                                                                                                                                                                                                                                                                                         Sequence
                                                                                                                                                                                                                                                                             Patent No.
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/19
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/713,8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 152 amino acid
                                                                                                                                                                                                 NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRE
                                                                                                                                                                                                                          APPLICANT: Bandman, APPLICANT: Hawkins, TITLE OF INVENTION:
                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                        STREET: 31/2
CITY: Palo Alto
CTATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: ATTORNEY/AGENT
                                                                                                                            COUNTRY: UZIP: 94304
                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/713,825 FILING DATE: Filed Herewith PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino STRANDEDNESS: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LIBRARY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION
                                                                                                                                                                                                                                                                                       4,
                                                                                                                                                                                                                                                               4, Application US/09199842
. 6087125
INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       134; Conservative 10
                                                                                                                                                                                                                                                                                                                                                |||:|||||| ||| |||||| ||| :|:||
|DSVESAEKEIGLWFHPEELVDYTSCAQNWIYE 152
                                                                                                                                                                                                                                                                                                                                                              DSVKSAEKEISLWFKPEELVDYKSCAHDWVYE 152
                                                                                                                                                                                                                                                                                                                                                                                            MANLERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVAMKFLRASEEHLKQHYIDLKDRPF 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      46854
                                                                                                                                     U.S.
                                                                                                                                                                         Incyte Pharmaceuticals,
4 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                   ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ıBank
12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               single
                                                                                                                                                                                                   , Olga
, Phillip R.
NOVEL HUMAN NM23-LIKE F
                                                                                                                                                                                                                          NOVEL
                                   US/09/199,842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 720; DB 1;
Pred. No. 3.2e-81;
10; Mismatches 8
                                                             1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PF-0124 US
                                                                                                                                                                                   Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 152;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               °
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                               120
                                                                                                                                                                                                                                                                                                                                                                                                                     120
```